

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Carter County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered
SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled	GU = Unrankable
G2 = Imperiled	G#? = Inexact rank (e.g. G2?)
G3 = Vulnerable	G#Q = Questionable taxonomy
G4 = Apparently secure	G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)
G5 = Secure	
GH = Historic, possibly extinct	GNR = Unranked
GX = Presumed extinct	GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled	SU = Unrankable	Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M): S#B = Rank of breeding population S#N = Rank of non-breeding population S#M = Rank of transient population
S2 = Imperiled	S#? = Inexact rank (e.g. G2?)	
S3 = Vulnerable	S#Q = Questionable taxonomy	
S4 = Apparently secure	S#T# = Intraspecific taxa	
S5 = Secure	SNR = Unranked	
SH = Historic, possibly extirpated	SNA = Not applicable	
SX = Presumed extirpated		

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county
H - reported from the county but not seen for at least 20 years
F - reported from county & cannot be relocated but for which further inventory is needed
X - known to have extirpated from the county
U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Carter	Vascular Plants	<i>Acer spicatum</i>	Mountain Maple	E /	G5 / S1S2	1	0	0	0	0
Carter	Vascular Plants	<i>Calopogon tuberosus</i>	Grass Pink	E /	G5 / S1	0	1	0	0	0
Carter	Vascular Plants	<i>Carex tosa var. rugosperma</i>	Umbel-like Sedge	T /	G5 / S2?	1	0	0	0	0
Carter	Vascular Plants	<i>Castilleja coccinea</i>	Scarlet Indian Paintbrush	E /	G5 / S1	0	0	1	0	0
Carter	Vascular Plants	<i>Cypripedium kentuckiense</i>	Kentucky Lady's-slipper	E / SOMC	G3 / S1S2	0	1	0	0	0
Carter	Vascular Plants	<i>Cypripedium parviflorum</i>	Small Yellow Lady's-slipper	T /	G5 / S2	1	0	0	0	0
Carter	Vascular Plants	<i>Dodecatheon frenchii</i>	French's Shooting Star	S /	G3 / S3	1	0	0	0	0
Carter	Vascular Plants	<i>Erythronium rostratum</i>	Yellow Troutlily	S /	G5 / S2S3	1	0	0	0	0
Carter	Vascular Plants	<i>Juglans cinerea</i>	White Walnut	S / SOMC	G4 / S3	2	0	0	0	0
Carter	Vascular Plants	<i>Lathyrus palustris</i>	Vetchling Peavine	T /	G5 / S2	1	0	0	0	0
Carter	Vascular Plants	<i>Lilium philadelphicum</i>	Wood Lily	T /	G5 / S2S3	1	0	0	0	0
Carter	Vascular Plants	<i>Lonicera dioica var. orientalis</i>	Wild Honeysuckle	E /	G5TNRQ / S1	1	0	0	0	0
Carter	Vascular Plants	<i>Maianthemum stellatum</i>	Starflower False Solomon's-seal	E /	G5 / S1	1	0	0	0	0
Carter	Vascular Plants	<i>Najas gracillima</i>	Thread-like Naiad	S /	G5? / S2S3	0	1	0	0	0
Carter	Vascular Plants	<i>Paxistima canbyi</i>	Canby's Mountain-lover	T / SOMC	G2 / S2	5	0	1	0	0
Carter	Vascular Plants	<i>Spiranthes ochroleuca</i>	Yellow Nodding Ladies'-tresses	T /	G4 / S2?	0	1	0	0	0
Carter	Vascular Plants	<i>Taxus canadensis</i>	Canadian Yew	T /	G5 / S2S3	2	0	0	0	0
Carter	Vascular Plants	<i>Thaspium pinnatifidum</i>	Cutleaf Meadow-parsnip	T / SOMC	G2G3 / S2S3	4	1	0	0	0
Carter	Vascular Plants	<i>Toxicodendron vernix</i>	Poison Sumac	E /	G5 / S1	1	0	0	0	0
Carter	Vascular Plants	<i>Viburnum rafinesquianum var. rafinesquianum</i>	Downy Arrowwood	T /	G5T4T5 / S2	2	0	0	0	0
Carter	Vascular Plants	<i>Viola walteri</i>	Walter's Violet	T /	G4G5 / S2	6	0	0	0	0
Carter	Terrestrial Snails	<i>Glyphyalinia raderi</i>	Maryland Glyph	S / SOMC	G2 / S1	0	0	0	0	1
Carter	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	0	1	0	0	0
Carter	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	3	2	0	0	0
Carter	Freshwater Mussels	<i>Lasmigona compressa</i>	Creek Heelsplitter	E /	G5 / S1	4	2	0	0	0
Carter	Freshwater Mussels	<i>Simpsonaias ambigua</i>	Salamander Mussel	T / SOMC	G3 / S2S3	0	4	1	0	0
Carter	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	1	3	0	0	0

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Carter	Insects	<i>Calopteryx dimidiata</i>	Sparkling Jewelwing	E /	G5 / S1	1	0	0	0	0
Carter	Insects	<i>Manophylax butleri</i>	A Limnephilid Caddisfly	S /	G2 / S2	1	0	0	0	0
Carter	Insects	<i>Ophiogomphus howei</i>	Pygmy Snaketail	T / SOMC	G3 / S1S2	1	1	0	0	0
Carter	Other Invertebrates	<i>Hesperonemastoma inops</i>	A Cave Obligate Harvestman	S /	G1G2 / S1S2	0	1	0	0	0
Carter	Other Invertebrates	<i>Macrocheles stygius</i>	A Cave Obligate Mite	T /	G1G2 / S1S2	0	1	0	0	0
Carter	Other Invertebrates	<i>Pseudotremia carterensis</i>	A Cave Obligate Milliped	S /	G2G3 / S1S2	0	3	0	0	0
Carter	Fishes	<i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	T /	G4 / S2	2	2	0	0	0
Carter	Fishes	<i>Lampetra appendix</i>	American Brook Lamprey	T /	G4 / S2	0	1	0	0	0
Carter	Fishes	<i>Percopsis omiscomaycus</i>	Trout-perch	S / SOMC	G5 / S3	13	3	0	0	0
Carter	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	2	0	0	0
Carter	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	1	0	0	0	0
Carter	Breeding Birds	<i>Poocetes gramineus</i>	Vesper Sparrow	E /	G5 / S1B	0	1	0	0	0
Carter	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	0	1	0	0	0
Carter	Mammals	<i>Mustela nivalis</i>	Least Weasel	S /	G5 / S2S3	1	0	0	0	0
Carter	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	1	1	0	0	0
Carter	Mammals	<i>Myotis leibii</i>	Eastern Small-footed Myotis	T / SOMC	G3 / S2	1	0	0	0	0
Carter	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	7	0	0	0	0
Carter	Communities	<i>Pine savanna-woodland</i>		/	GNR / S1	1	0	0	0	0
Carter	Communities	<i>Virginia pine forest</i>		/	GNR / S5	1	0	0	0	0
Carter	Communities	<i>Xeric calcareous forest</i>		/	GNR / S5	1	0	0	0	0
Carter County Total:						71	34	3	0	1